

DTC	Always ON	MALFUNCTION IN ABS ECU
------------	------------------	-------------------------------

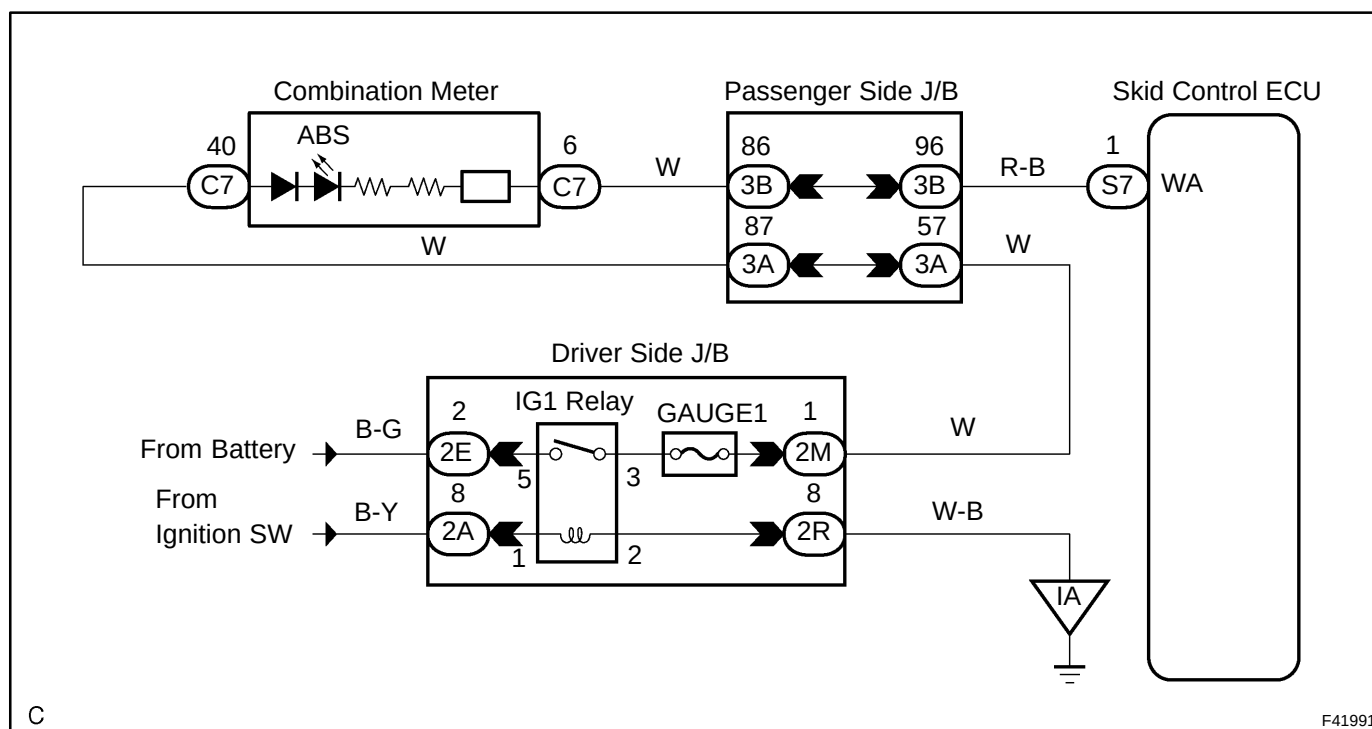
CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
Always ON	Either of the following 1., 2. or 3. is detected: 1. Voltage of ECU terminal IG1 remains at more than 17 V. 2. The ECU connectors are off from the ECU. 3. There is a malfunction in the ECU internal circuit.	• Battery • Charging system • Power source circuit • Skid control ECU

HINT:

There is a case that hand-held tester cannot be used when ECU is abnormal.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK SKID CONTROL ECU CONNECTOR SECURELY CONNECTED

NG

CONNECT CONNECTORS

OK

2 RECONFIRM DTC(See page 05-288)

A	Normal Code
B	Malfunction Code

B

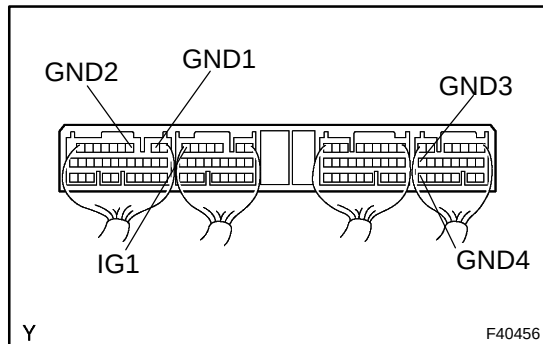
REPAIR CIRCUIT INDICATED BY OUTPUT CODE

A

3 CHECK VOLTAGE OF ECU IG POWER SOURCE**IN CASE OF USING THE HAND-HELD TESTER:**

- (a) Select the item "IG VOLTAGE" in the DATA LIST and read its value displayed on the hand-held tester.
- (b) Check the voltage condition output from the ECU displayed on the hand-held tester.

OK: "Normal" is displayed.

**IN CASE OF NOT USING THE HAND-HELD TESTER:**

- (a) Remove the skid control ECU with connectors still connected.
- (b) Turn the ignition switch ON, measure voltage between terminals IG1 and GND of skid control ECU connector.

OK: 10 - 14 V

OK

CHECK AND REPAIR HARNESS AND CONNECTOR

NG

4 INSPECT BATTERY(TERMINAL VOLTAGE)

- (a) Check the battery positive voltage.

OK: 10 - 14 V

NG

CHECK AND REPLACE CHARGING SYSTEM

OK

5 CHECK HARNESS AND CONNECTOR(BATTERY - SKID CONTROL ECU ASSY)

NG

CHECK AND REPAIR HARNESS AND CONNECTOR

OK

6 CHECK ABS WARNING LIGHT**IN CASE OF USING THE HAND-HELD TESTER:**

- (a) Select the item "ABS WARN LIGHT" in the ACTIVE TEST and operate the ABS warning light on the hand-held tester.
- (b) Check that "ON" and "OFF" of the ABS warning light can be shown on the combination meter by the hand-held tester.

IN CASE OF NOT USING THE HAND-HELD TESTER:

- (a) Turn the ignition switch OFF and disconnect the connector from the skid control ECU.
- (b) Turn the ignition switch ON.
- (c) Check the ABS warning light turns off.

OK**CHECK AND REPLACE COMPUTER ASSY,
SKID CONTROL****NG****CHECK AND REPLACE METER ASSY, COMBINATION**